



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Raymond J. Beffa

**Serial No.:** 10/600,148

**Filed:** June 19, 2003

**For:** METHOD IN AN INTEGRATED  
CIRCUIT (IC) MANUFACTURING  
PROCESS FOR IDENTIFYING AND  
REDIRECTING IC'S MIS-PROCESSED  
DURING THEIR MANUFACTURE

**Confirmation No.:** 6251

**Examiner:** P. Assouad

**Group Art Unit:** 2857

**Attorney Docket No.:** 2269-3040.5US  
(96-0970.05/US)

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EV325774680US

Date of Deposit with USPS: July 30, 2004

Person making Deposit: Christopher Haughton

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
4,032,949	06/28/1977	Bierig
4,455,495	06/19/1984	Masuhara et al.
4,510,673	04/16/1985	Shils et al.
4,534,014	08/06/1985	Ames
4,667,403	05/26/1987	Edinger et al.
4,871,963	10/03/1989	Cozzi
4,954,453	09/04/1990	Venutolo
5,003,251	03/26/1991	Fuoco
5,110,754	05/05/1992	Lowrey et al.
5,235,550	08/10/1993	Zagar
5,253,208	10/12/1993	Kang
5,256,562	10/26/1993	Vu et al.
5,296,402	03/22/1994	Ryou
5,345,110	09/06/1994	Renfro et al.
5,352,945	10/04/1994	Casper et al.
5,424,652	06/13/1995	Hembree et al.
5,428,311	06/27/1995	McClure
5,440,240	08/08/1995	Wood et al.
5,442,561	08/15/1995	Yoshizawa et al.
5,477,493	12/19/1995	Danbayashi

**Serial No. 10/600,148**

5,504,369	04/02/1996	Dasse et al.
5,516,028	05/14/1996	Rasp et al.
5,538,141	07/23/1996	Gross, Jr. et al.
5,539,235	07/23/1996	Allee
5,563,832	10/08/1996	Kagami
5,581,510	12/03/1996	Furusho et al.
5,590,069	12/31/1996	Levin
5,600,171	02/04/1997	Makihara et al.
5,603,412	02/18/1997	Gross, Jr. et al.
5,606,193	02/25/1997	Ueda et al.
5,617,366	04/01/1997	Yoo
5,619,469	04/08/1997	Joo
5,625,816	04/29/1997	Burdick et al.
5,642,307	06/24/1997	Jernigan
5,865,319	02/02/1999	Okuda et al.
5,889,674	03?30/1999	Burdick et al.
6,055,463	04/25/2000	Cheong et al.
6,075,216	06/13/2000	Nakamura et al.
6,147,316	11/14/2000	Beffa
6,148,307	11/14/2000	Burdick et al.
6,190,972 B1	02/20/2001	Zheng et al.
6,194,738 B1	02/27/2001	Debenham et al.
6,363,295 B1	03/26/2002	Akram et al.
6,365,421 B2	04/02/2002	Debenham et al.
6,365,860 B1	04/02/2002	Beffa
6,529,793 B1	03/04/2003	Beffa
6,636,068 B2	10/21/2003	Farnworth et al.
6,703,573 B2	03/09/2004	Beffa

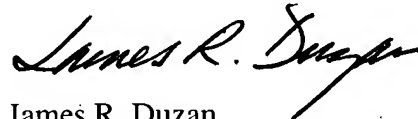
Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
JP 58050728 A	03/25/1983	Mitsubishi Electric Corp.
JP 58060529 A	04/11/1983	Mitsubishi Electric Corp.
JP 61120433 A	06/07/1986	Toshiba Corp.
JP 05013429 A	01/22/1993	NEC Kyushu Ltd.
JP 10104315 A	04/24/1998	NEC Corp.
SU 1151333 A	04/23/1985	Tsvetnoj Metallurgii

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application.

Respectfully submitted,



James R. Duzan  
Registration No. 28,393  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: July 30, 2004

JRD/ps:djp

Enclosures: Form PTO-1449  
Copy of documents cited

Document in ProLaw



<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>2269-3040.5US</b> <b>(96-0970.05/US)</b>	Application Number <b>10/600,148</b>
	Applicant <b>Raymond J. Beffa</b>	
	Filing Date <b>June 19, 2003</b>	Group Art Unit <b>2857</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,032,949	06/28/1977	Bierig			
	4,455,495	06/19/1984	Masuhara et al.			
	4,510,673	04/16/1985	Shils et al.			
	4,534,014	08/06/1985	Ames			
	4,667,403	05/26/1987	Edinger et al.			
	4,871,963	10/03/1989	Cozzi			
	4,954,453	09/04/1990	Venutolo			
	5,003,251	03/26/1991	Fuoco			
	5,110,754	05/05/1992	Lowrey et al.			
	5,235,550	08/10/1993	Zagar			
	5,253,208	10/12/1993	Kang			
	5,256,562	10/26/1993	Vu et al.			
	5,296,402	03/22/1994	Ryou			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	APPLICANT	CLASS	SUBCLASS	Translation	
						YES	NO
	JP 58050728 A	03/25/1983	Mitsubishi Electric Corp.			X	
	JP 58060529 A	04/11/1983	Mitsubishi Electric Corp.			X	
	JP 61120433 A	06/07/1986	Toshiba Corp.			X	
	JP 05013529 A	01/22/1993	NEC Kyushu Ltd.			X	
	JP 10104315 A	04/24/1998	NEC Corp.			X	
	SU 1151333 A	04/23/1985	Tsvetnoj Metallurgii			X	

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>2269-3040.5US</b> <b>(96-0970.05/US)</b>	Application Number <b>10/600,148</b>
	Applicant <b>Raymond J. Beffa</b>	
	Filing Date <b>June 19, 2003</b>	Group Art Unit <b>2857</b>

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,345,110	09/06/1994	Renfro et al.			
	5,352,945	10/04/1994	Casper et al.			
	5,424,652	06/13/1995	Hembree et al.			
	5,428,311	06/27/1995	McClure			
	5,440,240	08/08/1995	Wood et al.			
	5,442,561	08/15/1995	Yoshizawa et al.			
	5,477,493	12/19/1995	Danbayashi			
	5,504,369	04/02/1996	Dasse et al.			
	5,516,028	05/14/1996	Rasp et al.			
	5,538,141	07/23/1996	Gross, Jr. et al.			
	5,539,235	07/23/1996	Allee			
	5,563,832	10/08/1996	Kagami			
	5,581,510	12/03/1996	Furusho et al.			
	5,590,069	12/31/1996	Levin			

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>2269-3040.5US</b> <b>(96-0970.05/US)</b>	Application Number <b>10/600,148</b>
	Applicant <b>Raymond J. Beffa</b>	
	Filing Date <b>June 19, 2003</b>	Group Art Unit <b>2857</b>

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,600,171	02/04/1997	Makihara et al.			
	5,603,412	02/18/1997	Gross, Jr. et al.			
	5,606,193	02/25/1997	Ueda et al.			
	5,617,366	04/01/1997	Yoo			
	5,619,469	04/08/1997	Joo			
	5,625,816	04/29/1997	Burdick et al.			
	5,642,307	06/24/1997	Jernigan			
	5,865,319	02/02/1999	Okuda et al.			
	5,889,674	03/30/1999	Burdick et al.			
	6,055,463	04/25/2000	Cheong et al.			
	6,075,216	06/13/2000	Nakamura et al.			
	6,147,316	11/14/2000	Beffa			
	6,148,307	11/14/2000	Burdick et al.			
	6,190,972 B1	02/20/2001	Zheng et al.			

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>2269-3040.5US</b> <b>(96-0970.05/US)</b>		Application Number <b>10/600,148</b>	
				Applicant <b>Raymond J. Beffa</b>			
				Filing Date <b>June 19, 2003</b>		Group Art Unit <b>2857</b>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,194,738 B1	02/27/2001	Debenham et al.			
	6,363,295 B1	03/26/2002	Akram et al.			
	6,365,421 B2	04/02/2002	Debenham et al.			
	6,365,860 B1	04/02/2002	Beffa			
	6,529,793 B1	03/04/2003	Beffa			
	6,636,068 B2	10/21/2003	Farnworth et al.			
	6,703,573 B2	03/09/2004	Beffa			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.